



**Guangyang Secondary School**  
**8 Bishan Street 12 Singapore 579807**  
**Tel: 62589781/5 Fax: 63543108 Email: gyss@moe.edu.sg**

### **Semestral Plan for Sec 3 Express Mathematics 2023**

The document captures the curriculum and assessment plan for Secondary 3 Express Mathematics for the year 2023.

#### **1 Curriculum Plan**

<b>Tentative Week</b>	<b>Topics to cover</b>
Term 1 Week 1 – 5	Chapter 1 – More about Quadratic Equations and Quadratic Functions
<b>Term 1 Week 6</b>	<b>Term 1 Weighted Assessment 1</b>
Term 1 Week 6	Chapter 1 – More about Quadratic Equations and Quadratic Functions
Term 1 Week 7 – 9	Chapter 2 – More about linear Inequalities
Term 1 Week 10	Wealth Week
<b>13 to 19 March</b>	<b>March Holidays</b>
Term 2 Week 1 – 3	Chapter 3 - Indices
<b>Term 2 Week 4</b>	<b>Term 2 Weighted Assessment 2</b>
Term 2 Week 5 – 6	Chapter 3 - Indices
Term 2 Week 7 – 10	Chapter 4 – Coordinate Geometry
Term 2 Week 10	End of Term Activities
<b>29 May to 25 June</b>	<b>June Holidays</b>
Term 3 Week 1 – 3	Chapter 5 – Functions and Graphs
<b>Term 3 Week 3</b>	<b>Term 3 Weighted Assessment 3</b>
Term 3 Week 4 & 6	Chapter 5 – Functions and Graphs
Term 3 Week 7 – 8	Chapter 7 – Trigonometry
Term 3 Week 9 – 10	Chapter 8 – Applications of Trigonometry
<b>4 Sept to 10 Sept</b>	<b>September Holidays</b>
Term 4 Week 1 – 2	Chapter 9 – Arc Lengths, Sector Areas and Radian Measures
<b>Term 4 Week 3 – 4</b>	<b>End-of-year Examinations</b>
Term 4 Week 5 – 6	Go through exam papers / Post-exam Activities
Term 4 Week 7 – 8	Chapter 10 – Properties of Circles
Term 4 Week 9	Chapter 6 – Conditions of Congruence and Similarity
<b>End of Year Holidays</b>	

## 2 Assessment Plan

### Components of Weighted Assessments

- Weighted Assessments (WA)
- End-of-Year Examination (EYE)

Semester	Semester 1		Semester 2	
Term	Term 1	Term 2	Term 3	Term 4
Types of Assessment	WA 1	WA 2	WA3	End-of-Year examination
Weightage	15%	15%	15%	55%
Tentative Date	Term 1 Week 6	Term 2 Week 4	Term 3 Week 3	Term 4 Week 3 - 4
Topics Covered	<ul style="list-style-type: none"> <li>• Chapter 1</li> </ul>	<ul style="list-style-type: none"> <li>• Chapter 1, 2 and 3</li> </ul>	<ul style="list-style-type: none"> <li>• Chapter 1, 3 and 4</li> </ul>	Refer to End of Year Exam Format
Assessment Mode	Written			

- Various modes of formative assessments (quizzes, exit tickets, journal writing, project work, etc) are conducted regularly to assess students' learning progress.

## 3 End-of-year Exam format

Paper	Weightage	Duration	Remarks
Paper 1	50%	1 hour 45 minutes	<ul style="list-style-type: none"> <li>• Chapter 1 to 5, 7, 8 &amp; 9.</li> <li>• <b>Not included: Chap. 6 &amp; 10</b></li> <li>• 70 marks</li> <li>• Answer on spaces provided</li> </ul>
Paper 2	50%	1 hour 45 minutes	<ul style="list-style-type: none"> <li>• Chapter 1 to 5, 7, 8 &amp; 9.</li> <li>• <b>Not included: Chap. 6 &amp; 10</b></li> <li>• 70 marks</li> <li>• The last question in this paper will focus specifically on applying mathematics to a real-world scenario</li> <li>• Answer on spaces provided</li> </ul>

#### 4 Absence from tests

- (a) Medical certificates must be produced if student is absent for the test.
- (b) Parent's letter is strongly discouraged and its validity will be approved based on a case-by-case basis.
- (c) Absence from any test without a valid reason will result in zero mark for the test.
- (d) Do note that student will have to do a make-up test on the day he/she returns to school.

With this information, we hope all students will better prepare themselves for the heavy academic demands this year.

Do feel free to contact mathematics teachers should further clarification is needed on this matter.

<b>Class</b>	<b>Teacher</b>
3E1	Mrs Ling – Seet
3E2	Ms Elaine Chan
3E3	Mdm Mavis Lee
3E4 & 3N (OOS)	Mr Daryl Chong